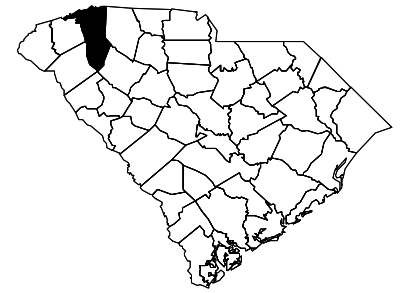


# IMPACT OF CHRONIC CONDITIONS GREENVILLE County, 2003



In the year 2003, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and se

The distribution of Greenville county's population is similar to the state population. The majority (39%) of the population in Greenville county are between the ages of 18-44, and there are more females (51%) than males (49%). However, Greenville county h

	GREENVILLE COUNTY	STATE
<b>Population size</b>	395,357	4,147,153
<b>Age distribution (%)</b>		
<18	25	25
18-44	39	39
45-64	25	25
65-84	10	11
85+	1	1
<b>Race (%)</b>		
White	79	68
Black & Other	21	32
<b>Sex (%)</b>		
Male	49	49
Female	51	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors th

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	23	26
Sedentary lifestyle	16	23
Overweight	59	60
High Cholesterol	30	33

Some preventive measures such immunization were included in the 2003 SC BRFSS. For persons age 65 and older in South Carolina:

30.7% have not received the flu shot in the past 12 months

37.0% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	23.1	.	.	.	.	28.8
Number of hospitalizations	182	92	90	87	95	3,245
Standard rate of hospitalizations (per 100,000)	46	110	29	45	47	78
Median age of hospitalized patients	55	48	63	48	61	56
Total cost of hospitalization (\$)	4,352,657	2,461,254	1,891,403	2,471,417	1,881,240	52,866,316
Average length of hospital stay (days)	7	8	6	8	7	5
Number of ED visits	624	317	307	259	365	7,709
Standard rate of ED visits (per 100,000)	158	378	99	134	181	186
Median age of ED patients	53	49	59	53	53	51
Total cost of ED visits (\$)	636,719	341,614	295,105	256,051	380,668	7,612,028
Number of deaths*	22	6	16	8	14	402
Standard death rate (per 100,000)*	6	13	5	6	6	10

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.36	.	.	.	.	5.13
Number of hospitalizations	5,195	846	4,349	2,886	2,309	61,159
Standard rate of hospitalizations (per 100,000)	1,314	1,009	1,396	1,493	1,143	1,475
Median age of hospitalized patients	68	63	68	65	72	68
Total cost of hospitalization (\$)	171,218,892	24,099,680	147,119,212	99,879,432	71,339,460	1,816,677,850
Average length of hospital stay (days)	6	6	5	5	6	5
Number of ED visits	1,218	281	937	635	583	13,731
Standard rate of ED visits (per 100,000)	308	335	301	328	289	331
Median age of ED patients	64	59	65	61	67	63
Total cost of ED visits (\$)	3,107,796	584,639	2,523,157	1,647,312	1,460,484	36,263,407
Number of deaths*	833	131	694	423	410	9,535
Standard death rate (per 100,000)*	219	258	212	276	173	235

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	1.94	.	.	.	.	2.38
Number of hospitalizations	984	218	766	454	530	13,846
Standard rate of hospitalizations (per 100,000)	249	260	246	235	262	334
Median age of hospitalized patients	71	65	72	68	73	71
Total cost of hospitalization (\$)	24,746,267	7,274,464	17,471,803	11,968,378	12,777,889	299,033,282
Average length of hospital stay (days)	7	10	6	7	7	6
Number of ED visits	184	20	164	84	100	2,751
Standard rate of ED visits (per 100,000)	47	24	53	43	49	66
Median age of ED patients	70	61	72	68	75	68
Total cost of ED visits (\$)	468,385	41,768	426,617	208,908	259,477	7,652,759
Number of deaths*	216	52	162	71	145	2,744
Standard death rate (per 100,000)*	57	100	50	50	62	69

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1,138	251	887	492	646	16,179
Standard rate of hospitalizations (per 100,000)	288	299	285	254	320	390
Median age of hospitalized patients	61	47	63	61	60	60
Total cost of hospitalization (\$)	15,175,942	2,536,583	12,639,359	6,275,530	8,900,412	223,663,816
Average length of hospital stay (days)	5	4	5	5	5	5
Number of ED visits	4,321	1,765	2,556	1,947	2,374	42,923
Standard rate of ED visits (per 100,000)	1,093	2,106	820	1,007	1,175	1,035
Median age of ED patients	33	27	37	29	36	33
Total cost of ED visits (\$)	3,473,667	1,332,937	2,140,730	1,577,082	1,896,585	36,631,840
Number of deaths*	165	14	151	74	91	1,902
Standard death rate (per 100,000)*	43	24	46	49	41	47

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	7.1	.	.	.	.	9.3
Number of hospitalizations	620	245	375	300	320	8,530
Standard rate of hospitalizations (per 100,000)	157	292	120	155	158	206
Median age of hospitalized patients	54	52	55	54	54	54
Total cost of hospitalization (\$)	12,811,660	5,046,659	7,765,001	6,287,794	6,523,866	141,373,503
Average length of hospital stay (days)	7	7	7	7	7	6
Number of ED visits	676	310	366	285	391	9,593
Standard rate of ED visits (per 100,000)	171	370	117	147	194	231
Median age of ED patients	49	48	50	47	51	52
Total cost of ED visits (\$)	768,626	356,431	412,195	333,030	435,596	10,576,048
Number of deaths*	126	36	90	56	70	1,161
Standard death rate (per 100,000)*	33	64	28	35	30	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	2,428	563	1,865	866	1,562	23,320
Standard rate of hospitalizations (per 100,000)	614	672	599	448	773	562
Median age of hospitalized patients	57	48	59	63	51	60
Total cost of hospitalization (\$)	67,965,075	14,126,741	53,838,334	31,235,640	36,729,435	636,742,003
Average length of hospital stay (days)	7	6	7	9	6	6
Number of deaths*	740	140	598	379	361	8,479
Standard death rate (per 100,000)*	190	264	180	233	161	202

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	189	25	164	106	83	2,107
Standard rate of hospitalizations (per 100,000)	48	30	53	55	41	51
Median age of hospitalized patients	67	66	69	65	73	68
Total cost of hospitalization (\$)	6,917,809	879,989	6,037,820	4,040,837	2,876,972	80,266,988
Average length of hospital stay (days)	10	12	9	9	10	9
Number of deaths*	63	10	53	28	35	822
Standard death rate (per 100,000)*	16	19	16	17	15	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	149	25	124	.	149	1,311
Standard rate of hospitalizations (per 100,000)	74	58	78	.	74	62
Median age of hospitalized patients	60	53	62	.	60	62
Total cost of hospitalization (\$)	2,461,880	494,562	1,967,318	.	2,461,880	21,290,871
Average length of hospital stay (days)	2	3	2	-	2	3
Number of deaths*	61	12	49	-	61	588
Standard death rate (per 100,000)*	28	37	27	-	28	25

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	21	3	18	-	21	209
Standard rate of hospitalizations (per 100,000)	10	7	11	-	10	10
Median age of hospitalized patients	56	58	56	-	56	50
Total cost of hospitalization (\$)	502,827	41,308	461,519	-	502,827	4,799,481
Average length of hospital stay (days)	12	5	14	-	12	6
Number of deaths*	3	1	2	-	3	72
Standard death rate (per 100,000)*	1	3	1	-	1	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	202	38	164	114	88	2,211
Standard rate of hospitalizations (per 100,000)	51	45	53	59	44	53
Median age of hospitalized patients	65	59	66	65	65	67
Total cost of hospitalization (\$)	7,276,569	1,562,451	5,714,118	3,730,025	3,546,544	72,351,955
Average length of hospital stay (days)	10	13	9	9	10	8
Number of deaths*	241	40	201	156	85	2,620
Standard death rate (per 100,000)*	61	75	60	94	38	62

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	127	28	99	127	-	1,159
Standard rate of hospitalizations (per 100,000)	66	68	65	66	-	57
Median age of hospitalized patients	63	61	63	63	-	64
Total cost of hospitalization (\$)	2,530,312	598,409	1,931,903	2,530,312	-	22,439,664
Average length of hospital stay (days)	4	5	4	4	-	4
Number of deaths*	21	9	12	21	-	438
Standard death rate (per 100,000)*	14	49	10	14	-	30

\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

#### For more information about

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